

PRE-CERCLIS SCREENING/NEW SITE ASSIGNMENT FORM

EPA ID NUMBER: None

SITE NAME: Exxon Service Station #3-2558

PREVIOUS NAMES (AKAs): None

SITE LOCATION: 936 Route 202 South, Branchburg Twp., Somerset County, New Jersey

BLOCK: 42
LOT: 8

LATITUDE: +40.5683°
LONGITUDE: -74.6828°

<http://www.fcc.gov/mb/audio/bickel/DDDMSS-decimal.html>

AVAILABLE SITE TYPE MAIN CATEGORIES

Other, Recycling

AVAILABLE SITE TYPE MAIN SUBCATEGORIES

Septic System, Floor Drains, Waste Oil Tank Discharge

other: auto repair shop

Ken 8/26/03

COMPLETE THE FOLLOWING CHECKLIST.

	YES	NO
1. Does the site already appear in CERCLIS?		x
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?		x
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?		x
4. Is the release into a public or private drinking water supply due to deterioration of the water supply system through ordinary use?		x
5. Is some other program actively involved with the site (i.e., another Federal, State or Tribal program)?		x
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA or OSHA)?		x
7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?		x
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, ASTM Phase I, II, etc. completed, EPA approved risk assessment completed)?		x

205577



SITE DETERMINATION:

 x **FURTHER ASSESSMENT IS RECOMMENDED. ENTER SITE INTO CERCLIS.**

 THE SITE IS NOT RECOMMENDED FOR PLACEMENT INTO CERCLIS.

DISCUSS DECISION AND RATIONALE:

In 1967, the above noted block and lot (the site) was conveyed to Humble Oil, which is a predecessor of the ExxonMobil Corporation (ExxonMobil). ExxonMobil's predecessor owned the site and operated a gasoline service station and automobile repair shop at the site since the late 1960s. A plot plan produced by Humble Oil and dated October 31, 1966 depicts an on-site "service center" building and a 1,000 gallon septic tank and an approximately 800 square foot leaching field with a diverter box to the northeast of the building. The plot plan also shows a 550 gallon waste oil tank 10 feet southeast of the service building. Underground tanks, including the waste oil tank, were removed during 1987. No post excavation soil sampling was conducted. A February 15, 1988 letter from ExxonMobil notes that "the majority of the soil stockpiled came from the area around the slop oil tank." During a 1999 inspection by NJDEP, sealed floor drains were discovered in the ExxonMobil service building. ExxonMobil has offered no explanation of where the discharge from these pipes was directed. The above noted 1966 map depicts a deep well on the site which could have acted as a conduit for contaminants. Wells installed by ExxonMobil were initially shallow, but a deeper well (61 feet) installed and sampled only once for chlorinated compounds detected trichloroethene at 96 ppb. Sampling of local potable wells revealed that TCE was a contaminant in at least five of those wells. The contaminant levels ranged from just over 1 ppb to over 90 ppb. The wells have since been closed or converted to monitor wells and the potable water supplied by water mains. ExxonMobil has failed to address the potential ground water impacts from the above noted areas of concern. Work done at nearby sites has confirmed that overburden is very thin in this area and direct push ground water samples are not feasible. Based on same, it is proposed that ground water monitor wells be installed at the site to determine if an observed release to ground water has occurred from the noted areas of concern which have had known discharges.

Checklist preparer: Nick Sodano/ 6/16/03
Print name/signature Date

NJDEP/DRS/BEMSA

Title: HSMS1

Date: June 16, 2003

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Regional EPA Reviewer: Kristin Dobinson / Kristin Dobinson 8/26/03
Print name/signature Date

Onsite wells contaminated w/ TCE. Exxon mobile is not addressing areas of concern; i.e. septic tank, leachfield and UST's. Potable water is now being supplied by municipal supply.

Entered 9/10/03
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**SUPERFUND
NEW SITE ASSIGNMENT FORM**

CERCLIS EPA I.D. NUMBER: NJD986607752 DISCOVERY DATE: 8/26/03

NAME OF FACILITY: Exxon Service Station #3-2558

STREET: 936 Route 202 South CITY: Branchburg Twp, NJ

ZIP CODE: 08876 COUNTY: Somerset COUNTY CODE: _____

AVAILABLE SITE TYPE MAIN CATEGORIES recycling other

AVAILABLE SITE TYPE MAIN SUBCATEGORIES waste/used oil other: automobile
repair shop

LATITUDE: ~~0 17~~ "N Indicate "+" for Northern Hemisphere
+ 40.5683 Indicate "-" for Southern Hemisphere
decimal degrees

LONGITUDE ~~0 17~~ "W -74.6828

NPL IND: _____ FED FAC IND: _____ NO FURTHER ACTION: _____

SITE DESCRIPTION: Auto repair shop now owned by
Exxon Mobile. Local potable wells have been
closed due to TCE contamination. Site may be
source of area groundwater contamination.

*NOTE: PLEASE KEEP SITE DESCRIPTIONS DOWN TO 30 WORDS OR LESS.(240 CHARACTERS)

OPERABLE UNIT ID: 00 EVENT LEAD: S EVENT TYPE: DS

ACTUAL COMPLETION DATE: 8/26/03

ACTUAL START DATE: _____ EVENT TYPE: _____ (3)

COMMENTS:

This was a Pre Cerclis screening
Performed under the NJDEP cooperative
agreement.

March 6, 2001